Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known	
Application No.	10/767,251
Filing Date	January 28, 2004
First Named Inventor	Gerry R. Boss
Art Unit	1641
Examiner Name	Melanie J. Yu
Attorney Docket Number	26774-14267

Sheet 1 of 3

U.S. PATENT DOCUMENTS					
		Document No.			
Examiner Initials*	Cite No.[1]	Number – Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	A1	US-5,741,635	04-21-1998	Boss	

FOREIGN PATENT DOCUMENTS					
		Foreign Patent Document			
Examiner Initials*	Cite No.[1]	Country Code[3] – Number[4] Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T[6]
	B1	WO 98/56806 A1	12-17-1998	The Regents of the University of California	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[6]
	C1	"Affinity Chromatography," from http:mobitec.de. Publication date unknown, 4 pages.	
	C2	ALBARGHOUTHI, M. et al., "Immobilization of Antibodies on Alginate-Chitosan Beads," International Journal of Pharmaceutics, 2000, pp. 23-34, Vol. 206.	
	C3	"Attach a Protein Onto Glass, Silica, or Quartz Surface Using a Cleavable Cross-Linker," Technical Resource, Pierce Biotechnology, October 2002, 7 pages.	
	C4	CHEN et al., High-Efficiency Solid-Phase Capture Using Glass Beads Bonded to Microcentrifuge Tubes: Immnoprecipitation of Proteins from Cell Extracts and Assessment of Ras Activation," Analytical Biochemistry, 2002, pp. 298-304, Vol. 302.	
	C5	"CNBr-activated Sepharose 4B," Amersham Biosciences, 2002, 12 pages.	
	C6	"Cross-linking," Pierce Biotechnology, 2002, [Online] [Retrieved on January 9, 2004] Retrieved from the Internet<URL:http://www.piercenet.com/Objects/View.cfm?type =Page&ID=70485B9B-2585-45C7-846B>	
	C7	DENIZLI, A. et al., "Protein A Immobilized Polyhydroxyethylmethylacrylate Beads for Affinity Sorption of Human Immunoglobulin G," Journal of Chromatography B, 1995, pp.13-19, Vol. 668.	
	C8	"Double Agents Cross-linking Reagents Selection Guide," Pierce Biotechnology, 2003, 32 pages.	
	C9	"EDC," Instructions, Pierce Biotechnology, May 2002, 3 pages.	
	C10	FAHRNER, R.L. et al., "Performance Comparison of Protein A Affinity-Chromatography Sorbents for Purifying Recombinant Monoclonal Antibodies," Biotechnol. Appl. Biochem., 1999, pp. 121-128, Vol. 30.	

Examiner Signature		Date Considered	

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	C11	HALE, J.E. et al., Purification of Humanized Murine and Murine Monoclonal Antibodies Using Immobilized Metal-Affinity Chromatography," Analytical Biochemistry, 1994, pp. 29-33, Vol. 222.	
	C12	HAMMERL, P. et al., "Particulate Nitrocellulose as a Solid Phase for Protein Immobilization in Immuno-Affinity Chromatography," Journal of Immunological Methods, 1993, pp. 59-66, Vol. 165.	
	C13	KIM, J. et al., "Protein Immobilization on Plasma-Polymerized Ethylenediamine-Coated Glass Slides," Analytical Biochemistry, 2003, pp. 41-45, Vol. 313.	
	C14	KROGH, T.N. et al., "Protein Analysis Using Enzymes Immobilized to Paramagnetic Beads," 1999, pp. 153-62, Vol. 274.	
	C15	LEIBL, H. et al., "Separation of Polysaccharide-Specific Human Immunoglobulin G Subclasses Using a Protein A Superose Column with a pH Gradient Elution System," Journal of Chromatography, 1996, pp. 51-56, Vol. 639.	
	C16	NISNEVITCH, M. et al., "The Solid Phase in Affinity Chromatography Strategies for Antibody Attachment," J. Biochem. Biophys. Methods, 2001, pp. 467-480, Vol. 49.	
	C17	PHILLIPS, T.M. et al., "Isolation and Quantitation of Serum IgE Levels by High Performance Immunoaffinity Chromatography," Journal of Chromatography, 1985, pp. 205-211, Vol. 327.	
	C18	PHILLIPS, T.M., "Multi-Analyte Analysis of Biological Fluids with a Recycling Immunoaffinity Column Array," J. Biochem. Biophys. Methods, 2001, pp.253-262, Vol. 49.	
	C19	PHILLIPS, T.M. et al., "Protein A-Coated Glass Beads: Universal Support Meduim for High-Performance Immunoaffinity Chromatography," Journal of Chromatography, 1985, pp. 213-219, Vol. 327.	
	C20	QUITADAMO, I.J. et al., "Efficient Purification of Mouse Anti-FGF Receptor IgM Monclonal Antibody by Magnetic Beads," Hybridoma, 1998, pp. 199-207, Vol 17, No. 2.	
	C21	SCHEELE, J.S. et al., "Determination of Absolute Amounts of GDP and GTP Bound to Ras in Mammalian Cells: Comparison of Parental and Ras-Overproducing NIH 3T3 Fibroblasts," Proc. Natl. Acad. Sci. USA, Cell Biology, February 1995, pp. 1097-1100, Vol. 92.	
	C22	SCHNEIDER, C. et al., "A One-Step Purification of Membrane Protein Using a High Efficiency Immunomatrix," The Journal of Biological Chemistry, September 25, 1982, pp. 10766-10769, Vol. 257, No. 18.	
	C23	WALSH, M.K. et al., "Optimizing the Immobilization of Single Stranded DNA onto	

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		Glass Beads," J Biochem Biophys. Methods, 2001, pp. 221-231, Vol. 47.	

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